

North Carolina Weather & Crops Report

Issue #7-B14-06

Released: April 21, 2014



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CROP SUMMARY FOR THE WEEK ENDING APRIL 20, 2014

GENERAL: There were 3.4 days suitable for field work for the week ending April 20th compared to 5.5 for the week ending April 13th. Statewide topsoil moisture levels were rated at 3% short, 69% adequate and 28% surplus. Subsoil moisture levels were rated at 4% short, 71% adequate and 25% surplus. Tobacco transplant supply is rated overall at 91% adequate and hay and roughage supply is rated 27% short and 68% adequate. Wheat condition is rated 26% fair and 57% good which is similar to the conditions for barley and oats. Corn progress is reported at 43% planted and 17% emerged. The state recorded below average temperatures with most of the state receiving over 1.5 inches of rainfall. The wet weather pattern slowed planting progress and left many newly planted crops in standing water. Cooler temperatures slowed plant growth and kept strawberry producers on alert for frost protection. There is some concern that freezing conditions may have damaged apple and peach crops as well as small grain crops which had already headed.

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5-Year Avg
PHENOLOGICAL:				
Corn % Emerged	17	n/a	24	21
PLANTED:				
Corn	43	20	59	58

CROP CONDITION PERCENT

	VP	P	F	G	EX
Barley	0	2	23	69	6
Oats	0	2	23	68	7
Wheat	1	6	26	57	10
Pasture	1	10	38	47	4

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	0	3	69	28
Subsoil Moisture	0	4	71	25

VS= Very Short ST = Short A = Adequate SS = Surplus

There is concern that apple and peach crops were severely damaged by freezing conditions.

Steve Dillion – Regional Agronomist

A cold snap earlier in the week brought some freeze damage to plants that were leafing out. The strawberry crop was just beginning to bloom and producers reported that open blossoms were killed but it didn't seem to hurt unopened flowers. Apples and blueberries in the area were not very far along in bloom, so it appears that freeze damage to them is minimal. Grass is growing and most livestock producers now have their animals on spring pasture.

Stanley Holloway – Yancey County Extension

Field conditions were wet throughout the week. Very little field activity was observed. Windborne freeze and frosts kept strawberry growers on alert for frost protection in NCDA's Agronomic Region 6.

Mike Wilder – Regional Agronomist

Cold weather, along with continuing wet conditions, has delayed tobacco transplanting. There may have been some damage to barley that had headed before cold snap.

Don Nicholson - Regional Agronomist

Some injury to emerging corn by freeze. Farmers are still waiting to analyze freeze damage to headed barley. Also several farmers are concerned about freeze damage to wheat in boot stage

Steve Gibson – Catawba County Extension

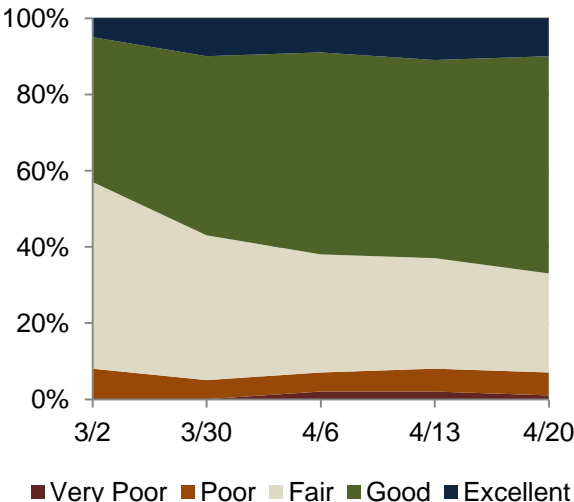
Limited field work such as planting corn was done. Farmers are also having problems with wheat turning yellow as a result of wet soils causing limited root zones and leaching of nutrients. Some growers are applying supplemental nutrients such as nitrogen and sulphur..

Al Wood – Pasquotank County Extension

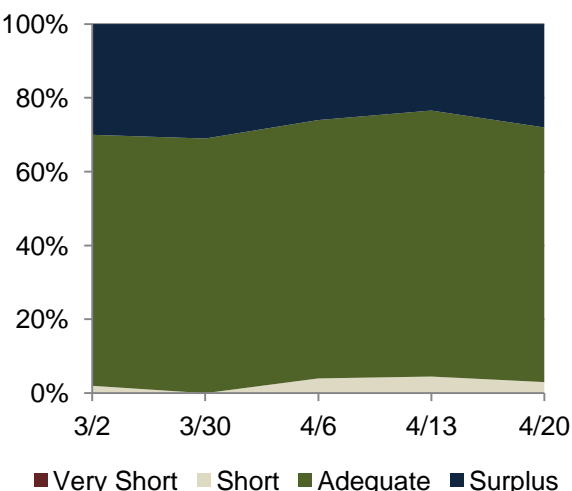
Parts of Southeastern North Carolina received a little more than 2 inches of rainfall over the weekend, leaving waterlogged soils and some of the just planted corn under water.

Georgian Love – Regional Agronomist

WHEAT CONDITION PERCENT



TOPSOIL MOISTURE PERCENT



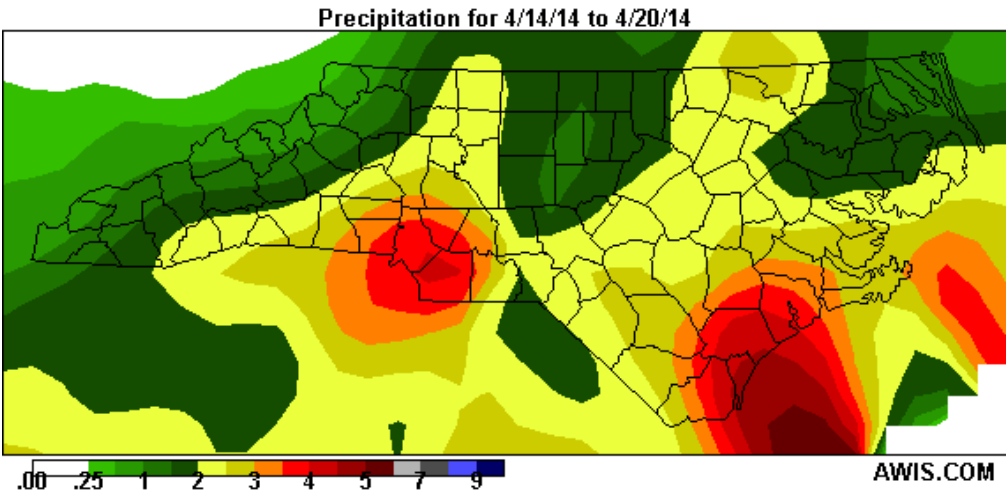
WEATHER SUMMARY FOR THE WEEK ENDING APRIL 20, 2014									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year To Date		This Week				Degree Days (Year to Date)
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	
Asheville	2.17	1.40	11.82	-2.99	77	29	51	-5	109
Aurora	2.63	1.89	14.00	0.32	81	37	57	-4	235
Burlington	1.52	0.82	13.50	-0.09	82	31	57	-3	199
Cape Hatteras	2.66	1.96	19.24	2.26	77	43	57	-4	195
Charlotte	4.68	4.05	17.83	3.89	80	32	56	-6	209
Clayton	2.27	1.63	16.08	2.03	81	32	54	-5	169
Elizabeth City	0.79	0.16	8.20	-6.02	81	37	57	-3	215
Erwin	2.49	1.79	16.54	1.98	77	34	56	-4	226
Fayetteville	2.37	1.67	13.31	-0.81	83	34	58	-3	266
Goldsboro	2.60	1.83	13.91	-0.73	83	37	58	-6	260
Greensboro	2.18	1.41	14.49	1.75	80	30	55	-4	197
Greenville	3.33	2.63	12.93	-1.14	83	34	55	-6	228
Hickory	1.99	1.15	13.34	-2.18	79	27	53	-6	171
Jefferson	0.57	-0.33	10.70	-4.26	76	19	47	-3	47
Kinston	2.77	2.00	13.68	-0.75	82	36	56	-5	208
Lexington	2.29	1.45	14.12	-0.17	80	29	53	-7	143
Maxton	2.69	2.07	14.69	0.35	81	33	57	-5	226
Monroe	3.93	3.28	14.29	-1.19	81	33	57	-5	231
Mount Airy	2.51	1.65	14.59	0.26	79	27	51	-4	95
Mount Olive	2.89	2.24	13.28	0.04	81	35	56	-6	213
New Bern	3.31	2.54	14.47	-0.87	83	38	59	-3	288
North Wilkesboro	1.55	0.55	12.94	-3.21	80	28	52	-4	122
Old Fort	1.55	0.57	11.46	-5.61	80	26	50	-8	104
Oxford	1.85	1.18	14.21	0.57	82	30	54	-4	155
Raleigh-Durham	2.09	1.46	13.61	0.23	81	31	56	-4	211
Randleman	2.16	1.39	11.03	-3.69	81	31	54	-6	154
Roanoke Rapids	4.72	3.98	17.29	3.44	81	33	54	-4	168
Robbinsville	0.74	-0.44	16.57	-7.24	81	24	53	-3	122
Rocky Mount	1.93	1.30	11.86	-1.83	81	35	57	-3	227
Roxboro	1.41	0.67	15.01	0.69	82	29	53	-5	131
Waynesville	1.56	0.72	14.46	-2.53	76	23	50	-2	73
Whiteville	2.92	2.29	14.86	0.65	79	35	56	-7	226
Williamston	1.70	1.00	12.92	-1.23	82	35	57	-3	220
Wilmington	4.02	3.39	16.14	1.82	80	38	60	-4	306
Winston Salem	2.68	1.91	13.43	0.69	80	29	55	-4	191

¹ Precipitation data considered preliminary

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

April 15, 2014
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)